CONTENTS VOLUME 159

I.I. Fabrikant, O.B. Shpenik, A.V. Snegursky and A.N. Zavilopulo. Electron impact formation of metastable atoms — Nos. 1 & 2, p. 1

B. Diekmann. Spectroscopy of mesons containing light quarks (u, d, s) or gluons — No. 3, p. 99

M. Chen, C. Dionisi, M. Martinez and X. Tata. Signals from non-strongly interacting supersymmetric particles at LEP energies — Nos. 4 & 5, p. 201

R.R. Volkas and G.C. Joshi. Supersymmetric composite models — No. 6, p. 303

CONTENTS VOLUMES 151–158

V.N. Denisov, B.N. Mavrin and V.B. Podobedov. Hyper-Raman scattering by vibrational excitations in crystals, glasses and liquids — 151, No. 1, p. 1

I. Lindgren and D. Mukherjee. On the connectivity criteria in the open-shell coupled-cluster theory for general model spaces — 151, No. 2, p. 93

E. Levich. Certain problems in the theory of developed hydrodynamical turbulence — 151, Nos. 3 & 4, p. 129

J. Rich, D. Lloyd Owen and M. Spiro. Experimental particle physics without accelerators — 151, Nos. 5 & 6, p. 239

R. Caciuffo, S. Melone, F. Rustichelli and A. Boeuf. Monochromators for X-ray synchrotron radiation — 152, No. 1, p. 1

S.O. Gladkov. On some kinetic phenomena in ordered and disordered substances — 152, No. 2, p. 73

S.A. Fulling and S.N.M. Ruijsenaars. Temperature, periodicity and horizons — 152, No. 3, p. 135

B.M. Smirnov. The properties and the nature of ball lightning — 152, No. 4, p. 177

P.H. Damgaard and H. Hüffel. Stochastic quantization — 152, Nos. 5 & 6, p. 227

J.H. Bilgram. Dynamics at the solid–liquid transition: Experiments at the freezing point — 153, No. 1, p. 1

T.K. Mitra, A. Chatterjee and S. Mukhopadhyay. Polarons — 153, Nos. 2 & 3, p. 91

M.A. Ivanov, V.M. Loktev and Yu.G. Pogorelov. Long-range impurity states in magnetic crystals — 153, Nos. 4 & 5, p. 209

M.C. Cadeville and J.L. Morán-López. Magnetism and spatial order in transition metal alloys: Experimental and theoretical aspects — 153, No. 6, p. 331

R. Blandford and D. Eichler. Particle acceleration at astrophysical shocks: A theory of cosmic ray origin — 154, No. 1, p. 1

G. Casati, B.V. Chirikov, D.L. Shepelyansky and I. Guarneri. Relevance of classical chaos in quantum mechanics: The hydrogen atom in a monochromatic field — 154, No. 2, p. 77

N. Austern, Y. Iseri, M. Kamimura, M. Kawai, G. Rawitscher and M. Yahiro. Continuum-discretized coupled-channels calculations for three-body models of deuteron–nucleus reactions — 154, No. 3, p. 125

W. Becker and J.K. McIver. Many-particle quantum theory for a class of free-electron devices — 154, No. 4, p. 205

UA5 Collaboration. UA5: A general study of proton–antiproton physics at $\sqrt{s}$ = 546 GeV — 154, Nos. 5 & 6, p. 247

A. Kyprianidis. Scalar time parametrization of relativistic quantum mechanics: The covariant Schrödinger formalism — 155, No. 1, p. 1

B. Imanishi and W. von Oertzen. Molecular orbitals of nucleons in nucleus–nucleus collisions — 155, No. 2, p. 29

B.A. Trubnikov and S.K. Zhdanov. Unstable quasi-gaseous media — 155, No. 3, p. 137

H.J. Groenewold. What price locality? — 155, No. 4, p. 231

H.J. Groenewold. Bilocality — 155, No. 4, p. 251

I.S. Towner. Quenching of spin matrix elements in nuclei — 155, No. 5, p. 263

V.V. Eremenko and N.F. Kharchenko. Magneto-optics of antiferromagnets — 155, No. 6, p. 379

B. Chakraborty. Variational classical electrodynamics — 156, No. 1, p. 1

P. Stehle. Rabi oscillations and generalizations — 156, No. 2, p. 67

Sun Kwok. Effects of mass loss on the late stages of stellar evolution 156, No. 3, p. 111
G. Paladin and A. Vulpiani. Anomalous scaling laws in multifractal objects 156, No. 4, p. 147
T. Hogg and B.A. Huberman. Artificial intelligence and large scale computation: A physics perspective 156, No. 5, p. 227
Ch. Sack and H. Schamel. Plasma expansion into vacuum. A hydrodynamic approach 156, No. 6, p. 311
B.C. Barish and R. Stroynowski. The physics of the τ lepton 157, No. 1, p. 1
F.G. Bass, Yu.S. Kivshar, V.V. Konotop and Yu.A. Sinitsyn. Dynamics of solitons under random perturbations 157, No. 2, p. 63
E.H. Thorndike and R.A. Poling. Decays of the b quark 157, No. 3, p. 183
M. Blagojević and P. Senjanović. The quantum field theory of electric and magnetic charge 157, Nos. 4 & 5, p. 233
A.A. Gogolin. Polaron transport in quasi-1d organic conductors and in some narrow band systems 157, No. 6, p. 347
Hai-Yang Cheng. The strong *CP* problem revisited 158, No. 1, p. 1
J.W. Clark. Statistical mechanics of neural networks 158, No. 2, p. 91
L. Fonda, N. Mankoč-Borštnik and M. Rosina. Coherent rotational states, their formation and detection 158, No. 3, p. 159
V.M. Fomin and E.P. Pokatilov. Non-equilibrium properties of charge carriers with arbitrary coupling to the lattice in semiconductors 158, Nos. 4 & 5, p. 205
S.W. McDonald. Phase-space representations of wave equations with applications to the eikonal approximation for short-wavelength waves 158, No. 6, p. 337